



MCES Schoolhouse Initiatives

2008 Marine Corps Engineer Conference
MCB Camp Lejeune, NC
29-31 January 2008

Maj C. P. Eck
Director of Instruction
Marine Corps Engineer School



Topics

- Obligatory MCES Org Chart
- Student Growth
- Instructor Growth
- Facilities Growth
- Combat Engineer Instruction Company (CEIC)
- Utilities Instruction Company (UIC)
- MCES Initiatives/Events
- Summary



**Marine Corps Combat
Development Command**
LtGen Amos



**Training and Education
Command**
BGen Laster



**Marine Corps
Installations East**
MGen Dickerson



Training Command
Vacant



**Marine Corps Base
Camp Lejeune**
Col Flatau

Coordination



**Marine Corps
Engineer School**
Col Nelson



Executive Officer
LtCol Miller

Sergeant Major
SgtMaj Rodriguez



H&S Company
Capt Murray



**Combat Engineer
Instruction Company**
Capt Felder



**Utilities Instruction
Company**
Maj Russell



**Engineer
Center of Excellence**
Mr. Smith

GS-14



Student Growth

- Increase in student throughput due to 202k plus-up:

MOS	FY07 (Actual/TIP)	FY08	FY09	FY10	FY11
1120	5 / 3	4	4	4	4
1141	168 / 175	191	182	185	187
1142	188 / 229	259	249	271	275
1171	193 / 198	204	199	206	209
1302	59 / 56	80	101	106	108
1371	817 / 975	1095	1069	1077	1116



Instructor Growth

- Increase of instructors on T/O through FY11
 - 1141: 1 SSgt instructor
 - 1142: 2 SSgt instructor
 - 1171: 6 SSgt instructor
 - 1371: 2 GySgt + 8 SSgt instructor
 - SNCO inventory cannot support at this time
- Short-term fix: MCES hired Term GS instructors for CEIC and UIC
 - Positions expire at end of FY11
- Looking for quality instructors, both active duty and civilian



Facilities Growth

- MILCON Projects Requested
 - Replace 1940's era buildings
 - Classrooms
 - Offices
 - Various other facilities around CHB
- Classroom Trailers



CEIC Initiatives/Events

- Airfield Damage Repair (ADR) Kit/Site
 - New ADR kits fielded in FY07
 - Three 20' ISO containers
 - New training site
 - Mock runway/taxiways
 - Control tower
 - Incorporated into supervisory-level POIs

ADR Training Site



01/24/2008



CEIC Initiatives/Events

- Course Content Review Boards (CCRBs)
 - CENCO
 - Plt Sgt
 - EOC
 - CEO
- Explosive Hazards Training
 - Offer up to 15 seats in EH training given to CEOs and CENCOs
 - Captured Enemy Ammunition (4 days)
 - Mission Plans and Preparation (2 days)
 - Hasty Mobility in IED Environment (3 days)
 - Route and Area Clearance (5 days)
 - Independent packages – attend either or all



CEIC Initiatives/Events

- Urban Breacher's Course
 - New Marine Corps Course ID (M03KA92)
 - Up to 15 Marines per class, 7 classes per year
 - Cpl and above, 0351 / 1302 / 1371 MOSs
- Reserve Courses/Distance Learning
 - Reserve BCE Course: 8-21 Jun 08
 - Reserve CENCO Course: 6-19 Jul 08
 - Reserve CEO Course: 3-16 Aug 08
 - Distance Learning Products



UIC Initiatives/Events

- Advanced Engineer Equipment Electrical Systems Technician (AEEEST) Course
 - Request to establish the course submitted to TECOM for approval – Dec 07
 - Fill identified gap – only 1100 MOS without Journeyman course
- Plan for two Utilities Officer classes/year
 - If Utilities Chiefs course graduate, only attend two week Utilities Officer course
 - If not, attend Chiefs course then two week Utilities Officer course
- Actively seeking up to 5 Unrestricted Officers (2ndLt-Capt) to attend the 1120 Course this year
 - Unit funded
 - Officers would receive 1120 as secondary MOS



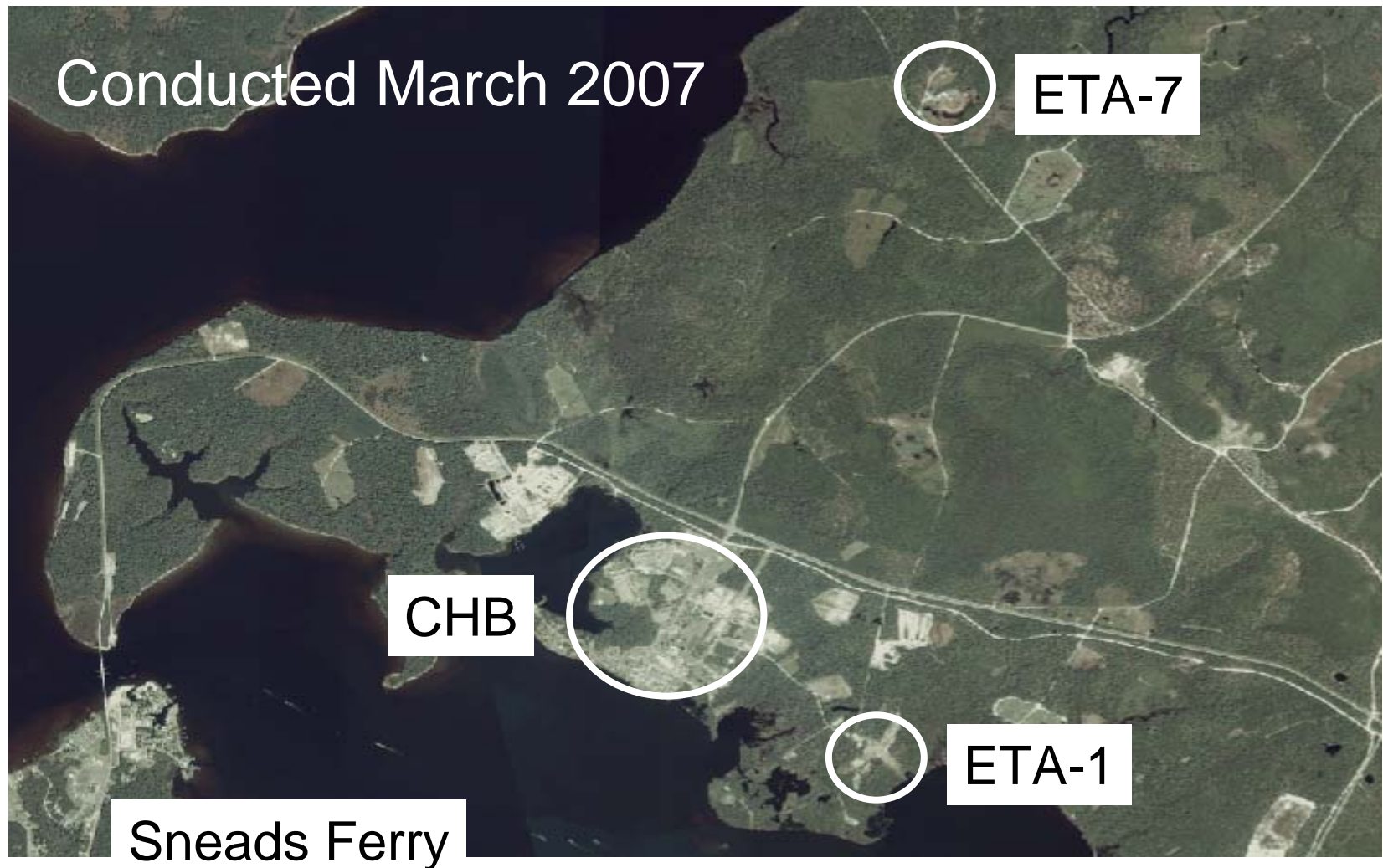
UIC Initiatives/Events

- Upgrades to training facilities
 - Holding pond expansion
 - Interior wiring buildings
 - Electrical trainer sheds
 - Containerized Batch Laundry
- Basic Water Support Technician CCRB
 - 4-8 Feb 08 @ MCES
 - Expect many changes to curriculum due to publication of T&R Manual and addition of Containerized Batch Laundry.



MCES Initiatives/Events

- Movement from ETA-1 (Steel Pit) to ETA-7





MCES Initiatives/Events

- Sapper Leaders Course
 - Actively working to fund 40 seats in the US Army Sapper Course
 - Target audience is E1-E7 and O1-O3
 - Quick Look Group/Detailed Analysis Group @ Fort Leonard Wood on 18-20 March
- TECOM Classroom Initiative
 - New computers
- Basic Skills Classes from Coastal Carolina Community College for students
- St. Patty's Day Engineer Golf Tournament
 - Friday, 14 March
 - North Shore Country Club, Sneads Ferry



Summary

- Growing to support 202k plus-up
- Growing to support new equipment
- Updating/adding courses to incorporate new equipment, changing doctrine, and needs of the operating forces
- Updating courseware and facilities to make the school more effective and efficient

QUESTIONS?



INSPIRATION

**GENIUS IS ONE PERCENT INSPIRATION AND 99 PERCENT PERSPIRATION,
WHICH IS WHY ENGINEERS SOMETIMES SMELL REALLY BAD.**